

SF. Sullivan Landfill
TECHNICAL



Mel Carnahan, Governor • Stephen M. Mahfood, Director

DEPARTMENT OF NATURAL RESOURCES

DIVISION OF ENVIRONMENTAL QUALITY

P.O. Box 176 Jefferson City, MO 65102-0176

February 29, 2000



Ex. 6

TRW

1900 Richmond Road
Cleveland, OH 44124

Dear Mr. [REDACTED]

Ex. 6

The Missouri Department of Natural Resources (DNR) has discussed final closure requirements for the Sullivan Landfill. Since the recent repair of the leachate collection system, the only remaining issues left for the site are long-term monitoring and filing of the closure plat.

Long-term monitoring requirements for the site should include groundwater monitoring, visual monitoring of the leachate collection system, and visual monitoring of the integrity of the cap. Groundwater wells #101, 103, 104, 105, and the Voss well should be sampled on a bi-annual basis during high water periods (March-May) for 30 years. Wells should be analyzed for VOA (Method 8260 scan) and dissolved Pb, Ba, and Cr. Visual inspections should be conducted annually and include confirmation that the leachate collection system is functional, estimates on amounts of leachate discharge observed in manholes, observations of the gas control system, and identification of any areas where erosion or vegetation failure is impacting the cap. Observations and sampling results should be submitted to DNR in an annual report due 90 days after the inspection.

The inspection schedule of the leachate collection, gas control, and groundwater monitoring systems should be included in the closure plat. As stated in my October 17, 1996, letter, the leachate collection trenches should also be identified in the legend of the closure plat.

If you have any questions or would like to discuss these issues, please feel free to call me at (573) 751-1288.

Sincerely,

HAZARDOUS WASTE PROGRAM

A handwritten signature in black ink, appearing to read "David E. Mosby".

David E. Mosby, R.G.
Environmental Specialist

DEM:al

c: Richard Ramstein, City of Sullivan
Scott Waltrip, SWMP
Joe Trunko, SLRO
Allen Cork, ERM

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Superfund